SEAM019M0203

Operation & Maintenance Manual

D475A-2

BULLDOZER

SERIAL NUMBERS **D475A-2 : 10282** and up

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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LEVERS AND PEDALS

1. FUEL CONTROL LEVER

This lever is used to control the engine speed and output.

(a) Engine stop position:
Push the lever fully.

(b) Low idling position:
Pull the lever from engine stop position (a) until you feel the operating force falls off.

(c) Full speed position:
Pull the lever fully from low idling position (b).

2. STEERING LEVER

To turn the machine gently to one direction, pull the steering lever on the same side halfway.

When the steering lever is further pulled all the way out, the machine will make a sharp pivot turn.

3. GEAR SHIFT LEVER

Three-speed forward and three-speed reverse travel can easily be selected by simply shifting the gear shift lever to any desired speed position.

- Place the gear shift lever in the neutral position before starting the engine.

4. SAFETY LEVER (For gear shift lever)

This is the locking device of the gear shift lever.

(d): Lock

(e): Free

When the machine is stopped for a while, be sure to set the gear shift lever in neutral and set the safety lever to LOCK.

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FUSE BOX

The fuse protect the electric devices and wiring from burning out. If any fuse is rusted or coated with white powder, replace it.

★ Replace a fuse with another of the same capacity.

⚠ **Before replacing a fuse, be sure to turn off the starting switch.**

Fuse arrangement and circuit

- ***Fuse box I***

No.	Fuse capacity	Circuit
①	20A	Starting switch
②	20A	Car stereo, Cigarette lighter, Room lamp
③	20A	Wiper
④	20A	Air conditioner
⑤	10A	Night lighting
⑥	—	—
⑦	20A	Fan control
⑧	10A	Lockup switch
⑨	10A	Panel lamp
⑩	10A	Back-up alarm
⑪	20A	Engine preheating
⑫	10A	Work lamp
⑬	20A	Rear lamp
⑭	20A	Head lamp
⑮	10A	Monitor, Horn, Pin-puller switch

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No.	ITEM	SERVICE	PAGE
-3	Cylinder support shaft and yoke	Lubricate 6 points	100
-4	Tilt cylinder bottom pin	Lubricate 2 points	100
-5	Lift cylinder bottom pin	Lubricate 2 points	100
-6	Tilt cylinder rod end pin	Lubricate 2 points	100
-7	Lift cylinder rod end pin	Lubricate 2 points	100
-8	Arm pin (Front)	Lubricate 2 points	100
-9	Arm pin (Rear)	Lubricate 2 points	100
-10	Arm ball joint	Lubricate 3 points	102
-11	Oblique arm ball joint	Lubricate 2 points	102
b	Hydraulic tank	Check and supply	102
c	Engine oil pan and filter	Change oil and replace cartridge	102
d	Alternator drive belt	Check tension	104
e	Battery electrolyte	Check level	106
f	Brake performance	Check	106

EVERY 500 HOURS SERVICE

a	Fuel filter	Replace cartridge	108
b	Transmission oil filter and torque converter oil filter	Replace element	108
c	Final drive case	Check oil	108

EVERY 1000 HOURS SERVICE

a	Fuel strainer	Clean	110
b	Steering clutch case breather	Clean	110
c	Power train oil pan and strainer	Change oil and clean strainer	110
d	Recoil spring case	Check and supply	112

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